

Interstellar Matter :

- On graphite particles as interstellar grains, II, *Wickramasinghe, N. C.* ... 99
- Keay, C. S. L.*, The distribution of meteors around the Earth's orbit ... 165
- Kenderdine, S.*, A survey of galactic radiation at 38 Mc/s, I ... 41
- Kenderdine, S.*, Radio emission from the Cygnus Loop ... 55
- Kennedy, P. M. and A. Przybylski*, Radial velocities of 50 high velocity stars ... 381
- Krueger, T. K., S. J. Czyzak and*, Forbidden transition probabilities for some P, S, Cl and A ions ... 177
- Mestel, L.*, On the galactic law of rotation ... 553

Meteors :

- The distribution of meteors around the Earth's orbit, *Keay, C. S. L.* ... 165
- Photoelectric meteor observations and the colour indices and visual magnitudes of meteors, *Davis, J.* ... 445
- Michie, R. W. and P. H. Bodenheimer*, The dynamics of spherical stellar systems, II ... 269
- Michie, R. W.*, The dynamics of spherical stellar systems, III ... 331
- Michie, R. W.*, The dynamics of spherical stellar systems, IV ... 499
- Narlikar, J. V.*, Newtonian universes with shear and rotation ... 203
- Ovenden, M. W.*, On the reflection effect and the determination of the masses of spectroscopic binary stars, I ... 77
- Przybylski, A., P. M. Kennedy and*, Radial velocities of 50 high velocity stars ... 381
- Publications of the Royal Greenwich and Cape Observatories ... 115
- Publications of the Royal Observatory, Edinburgh ... 121, 577

Radio Astronomy :

- A survey of galactic radiation at 38 Mc/s, I, *Kenderdine, S.* ... 41
- Radio emission from the Cygnus Loop, *Kenderdine, S.* ... 55
- On the interpretation of radio source counts, *Sciama, D. W.* ... 195
- An experiment to measure the magnetic field of the Galaxy, I, *Davies, R. D., W. L. H. Shuter, C. H. Slater, G. L. Verschuur, and P. A. T. Wild* ... 343
- An experiment to measure the magnetic field of the Galaxy, II, *Davies, R. D., W. L. H. Shuter, C. H. Slater and P. A. T. Wild* ... 353
- An experiment to measure the magnetic field of the Galaxy, III, *Davies, R. D. and W. L. H. Shuter* ... 369
- The spectrum of the galactic radio emission, II, *Turtle, A. J.* ... 405
- The radio spectrum of normal extragalactic nebulae, *Hazard, C.* ... 489
- Radio galaxies, I, *Van der Laan, H.* ... 519
- Radio galaxies, II, *Van der Laan, H.* ... 535
- Rosburgh, I. W.*, Steady meridian circulation in rotating magnetic stars ... 67
- Sciama, D. W.*, On the interpretation of radio source counts ... 195
- Shuter, W. L. H., R. D. Davies, C. H. Slater, G. L. Verschuur, P. A. T. Wild and*, An experiment to measure the magnetic field of the Galaxy, I ... 343
- Shuter, W. L. H., R. D. Davies, C. H. Slater, P. A. T. Wild and*, An experiment to measure the magnetic field of the Galaxy, II ... 353
- Shuter, W. L. H., R. D. Davies and*, An experiment to measure the magnetic field of the Galaxy, III ... 369
- Slater, C. H., R. D. Davies, W. L. H. Shuter, G. L. Verschuur, P. A. T. Wild and*, An experiment to measure the magnetic field of the Galaxy, I ... 343
- Slater, C. H., R. D. Davies, W. L. H. Shuter, P. A. T. Wild and*, An experiment to measure the magnetic field of the Galaxy, II ... 353

Solar System—planets and satellites :

- On the eccentricity of satellite orbits in the solar system, *Goldreich, R.* ... 257

Spectroscopy and Spectrophotometry :

- Spectral classification of some southern late-type peculiar stars, *Warner, B.* ... 61
- On the reflection effect and the determination of the masses of spectroscopic binary stars, I, *Ovenden, M. W.* ... 77
- The absorption coefficient of the wing of the Fraunhofer line 6162 Å, *Gompertz, G. and W. R. Hindmarsh* ... 317
- On the deficiency in the ultraviolet fluxes from early type stars, *Hoyle, F. and N. C. Wickramasinghe* ... 401

Stars, Binary :

- On the reflection effect and the determination of the masses of spectroscopic binary stars, *Ovenden, M. W.* ... 77

	PAGE
Stars, Motions of: Stellar Dynamics	
— Radial velocities of bright southern stars, III, <i>Buscombe, W.</i>	29
— The dynamics of spherical stellar systems, II, <i>Michie, R. W. and P. H. Bodenheimer</i> ...	267
— Random gravitational forces in a star field, <i>Camm, G. L.</i>	283
— The structure and stability of self-gravitating disks, <i>Hunter, C.</i>	299
— The dynamics of spherical stellar systems, III, <i>Michie, R. W.</i>	331
— Radial velocities of 50 high velocity stars, <i>Kennedy, P. M. and A. Przybylski</i> ...	381
— The dynamics of spherical stellar systems, IV, <i>Michie, R. W.</i>	499
— On the galactic law of rotation, <i>Mestel, L.</i>	553
Stars, Structure and evolution of:	
— On the Hayashi effect in the early phases of gravitational contraction of the Sun, <i>Faulkner, J., K. Griffiths and F. Hoyle</i>	I
— Steady meridian circulation in rotating magnetic stars, <i>Roxburgh, I. W.</i>	67
— The pulsational properties of an early main-sequence star, I, <i>Gurm, H. S.</i>	419
— The pulsational properties of an early main-sequence star, II, <i>Gurm, H. S.</i>	425
Stellar Groups, Clusters, Nebulae (Galactic), Milky Way:	
— The galactic cluster NGC 4755 (κ Crucis), <i>Feast, M. W.</i>	11
— The dynamics of spherical stellar systems, II, <i>Michie, R. W. and P. H. Bodenheimer</i> ...	267
— The dynamics of spherical stellar systems, III, <i>Michie, R. W.</i>	331
— The dynamics of spherical stellar systems, IV, <i>Michie, R. W.</i>	499
<i>Stewart, A. L., M. R. Flannery and</i> , Oscillator strengths for lithium and other three-electron systems	387
Summaries of Royal Observatories' Publications:	
— Publications of the Royal Greenwich and Cape Observatories	115
— Publications of the Royal Observatory, Edinburgh	121, 577
Sun:	
— On the statistical relations between flare intensity and sunspots, <i>Greatrix, G. R.</i> ...	123
— The pattern of magnetic fields in sunspots: an observational determination, <i>Adam, M. G.</i>	135
— Micrometer and photometric observations of a sunspot velocity field, <i>Holmes, J.</i> ...	155
— The absorption coefficient of the wing of the Fraunhofer line 6162 Å, <i>Gompertz, G. and W. R. Hindmarsh</i>	317
— The structure of sunspots, <i>Chitre, S. M.</i>	431
— The solar corona in interplanetary space, <i>Hewish, A. and J. D. Wyndham</i>	469
<i>Tift, W. G.</i> , Magellanic Cloud investigations, II. 47 Tucanae	209
<i>Turtle, A. J.</i> , The spectrum of the galactic radio emission, II	405
Universe, Cosmology of:	
— Newtonian universes with shear and rotation, <i>Narlikar, J. V.</i>	203
<i>Van der Laan, H.</i> , Radio galaxies, I	519
<i>Van der Laan, H.</i> , Radio galaxies, II	535
<i>Verschuur, G. L., R. D. Davies, W. L. H. Shuter, C. H. Slater, P. A. T. Wild and</i> , An experiment to measure the magnetic field of the Galaxy, I	343
<i>Warner, B.</i> , Spectral classification of some southern late-type peculiar stars	61
<i>Wickramasinghe, N. C., F. Hoyle and</i> , On the deficiency in the ultraviolet fluxes from early type stars	401
<i>Wild, P. A. T., R. D. Davies, W. L. H. Shuter, C. H. Slater, G. L. Verschuur and</i> , An experiment to measure the magnetic field of the Galaxy, I	343
<i>Wild, P. A. T., R. D. Davies, W. L. H. Shuter, C. H. Slater and</i> , An experiment to measure the magnetic field of the Galaxy, II	353
<i>Wilson, P. R.</i> , Three-dimensional solutions of the transfer equation	393
<i>Wyndham, J. D., A. Hewish and</i> , The solar corona in interplanetary space	469
Zodiacal Light:	
— The profile of an absorption line in the spectrum of the zodiacal light, <i>Ingham, M. F.</i> ...	377

